

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,918,182 B2  
APPLICATION NO. : 10/584265  
DATED : April 5, 2011  
INVENTOR(S) : Taro Yamamoto et al.

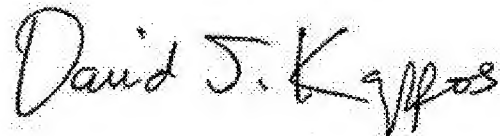
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, Item (73), the Assignee's name is incorrect. Item (73) should read:

Item -- (73) Assignee: **Tokyo Electron Limited**, Tokyo-To, (JP) --

Signed and Sealed this  
Thirty-first Day of May, 2011

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos  
*Director of the United States Patent and Trademark Office*